

COPY

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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MEMORANDUM

TO: Mr. Jeffrey S. Polenske, P.E., City Engineer, City of Milwaukee
Mr. William C. Shaw, MCAMLIS Project Manager, Milwaukee County
Mr. Richard J. Sokol, Director of Neighborhood Services, City of Greenfield
Mr. William T. Wehrley, P.E., City Engineer, City of Wauwatosa
Mr. Michael G. Lewis, City Engineer, City of West Allis
Mr. Thomas W. Chapman, P.E., Section Manager, Milwaukee
Metropolitan Sewerage District

FROM: Southeastern Wisconsin Regional Planning Commission Staff

DATE: January 21, 2010

SUBJECT: **UPDATED FLOODPLAIN AND FLOODWAY DELINEATIONS
ALONG HONEY CREEK IN MILWAUKEE COUNTY**

Preliminary draft, updated floodplain maps for the Honey Creek tributary of the Menomonee River are enclosed. These maps were developed under a joint program funded by the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Committee, the Milwaukee Metropolitan Sewerage District (MMSD), and the Southeastern Wisconsin Regional Planning Commission (SEWRPC). The maps show floodplain and floodway boundaries for the one-percent-annual-probability (100-year recurrence interval) flood occurring under planned land use and existing channel conditions. The 10-, 50-, and 500-year recurrence interval floodplain boundaries occurring under planned land use and existing channel conditions are also delineated. Please note that the effects of Honey Creek flood levels on backup through tributary storm sewers are not reflected in the enclosed maps.

All Honey Creek maps were provided to Milwaukee County and MMSD, and Table 1 lists the maps that are provided to the communities.

These maps are part of a larger update of floodplain information for the major streams within the Menomonee River watershed. The maps provide an opportunity for the affected municipalities to adopt a one-percent-probability floodplain for local zoning and Federal flood insurance purposes along this stream.

Hydrologic and hydraulic methods used in the current mapping update include the U.S. Environmental Protection Agency HSPF continuous simulation hydrologic model and the U.S. Army Corps of Engineers HEC-RAS river analysis system hydraulic simulation model. The HSPF model was developed under the recently completed regional water quality management plan update for the greater Milwaukee watersheds and MMSD 2020 Facilities Plan and refined by the SEWRPC staff for use in mapping the floodplain. The

updated HEC-RAS model was derived from base models used in previous Commission and MMSD watershed planning efforts, including that used for the current regulatory floodplain mapping.

Please review the enclosed maps and contact Laura L. Kletti of the SEWRPC staff with any questions or comments. It would be appreciated if comments were provided by February 26, 2010. Following review of the preliminary maps, we will incorporate any necessary changes. If requested to do so, we will assist the communities in preparing a submittal to WDNR and FEMA asking their review and approval of the maps prior to local adoption for zoning purposes and issuance of a FEMA Letter of Map Revision or Physical Map Revision.

MMSD and SEWRPC intend to investigate mitigation options for overland flooding from Honey Creek at a later date.

We trust that the information provided will be useful to you and we look forward to assisting you with this important project.

* * *

#148978 v1 - MCAMLIS - HONEY CREEK TRANSMITTAL MEMO
MGH/LLK/pk

Enclosures

cc: Mr. Kurt W. Bauer, MCAMLIS Steering Committee
Mr. David C. Fowler, MMSD
Ms. Tanya L. Meyer, WDNR-Southeast Region
Mr. Robert M. Watson, WDNR-Madison
Mr. Kenneth M. Hinterlong, FEMA Region V
Mr. Albert J. Franitza, City of Milwaukee Planning Department

bcc: Mr. John G. McDougall

Table 1

HONEY CREEK FLOODPLAIN MAPS PROVIDED TO COMMUNITIES

Town/Range	U.S. Public Land Survey System One-Quarter Sections	Communities Provided Maps
Township 7 North, Range 21 East	Section 27-NW 1/4	City of Wauwatosa
	Section 28-NE 1/4	City of Wauwatosa
	Section 28-SE 1/4	City of Wauwatosa City of Milwaukee
	Section 33-NW 1/4 and NE 1/4	City of Milwaukee
	Section 33-SE 1/4	City of West Allis
Township 6 North, Range 21 East	Section 4-SE 1/4 and NE 1/4	City of West Allis
	Section 9-SE 1/4 and NE 1/4	City of West Allis
	Section 16- NE 1/4	City of West Allis City of Milwaukee
	Section 15-NW 1/4, SW 1/4 and SE 1/4	City of Milwaukee
	Section 22-NE 1/4	City of Milwaukee City of Greenfield
	Section 23-NW 1/4	City of Milwaukee City of Greenfield
	Section 23-SW 1/4	City of Greenfield
	Section 26-NW 1/4 and NE 1/4	City of Greenfield
	Section 25-NW 1/4	City of Greenfield

Source: SEWRPC.